

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	("5565393" "6119485" "20030157265").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/21 17:46
S2	416	422/241.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/22 10:00
S3	13	422/241.ccls. and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) and (CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA] CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII)	OR	ON	2005/12/22 10:00	

## EAST Search History

S4	5	422/241.ccls. and ((PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) (CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA]) CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICFILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII)) and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/22 10:01
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## EAST Search History

S5	765	turbine and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR).ti,ab, clm. and ((CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA] CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICFILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII) silica, alumina, tantalum hafnia yttria (silica with (boron phosphorous alumina))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/22 10:20
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## EAST Search History

S6	765	turbine and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR).ti,ab, clm. and ((CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA] CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICFILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII) silica, alumina, tantala hafnia yttria (silica with (boron phosphorous alumina))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/23 13:42
S7	8	("4096095"   "4427721"   "5805973"   "5891584"   "5899678"   "5923944"   "6156439"   "6455167").PN. OR ("6808816"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/23 10:36
S8	8	("4399199"   "5512382"   "5660885"   "5683825"   "5792521"   "5871820"   "5914189"   "6482537").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/23 10:40

## EAST Search History

S9	15	("3972475"   "4163736"   "4399199"   "4676994"   "4877647"   "5167869"   "5407705"   "5545437"   "5584173"   "5753317"   "5851679"   "6007919"   "6177186"   "6210791"   "6455167").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/23 10:43
S10	7	("5512382"   "5660885"   "5871820"   "5914189").PN. OR ("6627323"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/23 10:54
S11	765	turbine and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR).ti,ab, clm. and ((CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA]) CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII) silica alumina tantala hafnia yttria (silica with (boron phosphorous alumina))).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:07

## EAST Search History

S12	17	(US-20030157361-\$ or US-20030198750-\$ or US-20040053024-\$ or US-20040228976-\$).did. or (US-4163736-\$ or US-4399199-\$ or US-4477538-\$ or US-4603547-\$ or US-5512382-\$ or US-5545437-\$ or US-5805973-\$ or US-6123998-\$ or US-6455167-\$ or US-6627323-\$ or US-6720034-\$ or US-6720038-\$ or US-6808816-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/27 08:07
S13	17	S12 and (nm nanometer thick\$ silica, alumina, tantalum hafnia yttria (silica with (boron phosphorous alumina)) (heat adj exchang\$) pipe nozzle sump)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 08:11
S14	11	("4096095") or ("4427721") or ("5805973") or ("5891584") or ("5899678") or ("5923944") or ("6156439") or ("6455167") or ("0471505").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/12/27 10:43
S15	1	"471505"\$	EPO	OR	ON	2005/12/27 10:44
S16	1	("6926496").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/12/27 11:27
S17	67	((mancini.in. and alfred.in.) (john.in. and ackerman.in.) (kevin.in. and leamy.in.) (william.in. and stowell.in.)) and ((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMB BASE PLATINUMB BASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:11

## EAST Search History

S18	2194	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:22
S19	272	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer)) and fluid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 13:17

## EAST Search History

S20	117	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer)) same deposit	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:18
S21	72	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer)) and deposit.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:18

## EAST Search History

S22	1494	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer) and (nm nanometer thick\$ silica, alumina, tantala hafnia yttria (silica with (boron phosphorous alumina)) (heat adj exchang\$) pipe nozzle sump).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:23
S23	239	("415".clas. "416".clas. "428".clas.) and (((metal with (noble transition precious)) Pt PLATINM PLATINUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) adj4 (coating layer) and (nm nanometer thick\$ silica, alumina, tantala hafnia yttria (silica with (boron phosphorous alumina)) (heat adj exchang\$) pipe nozzle sump).ti,ab, clm. and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/27 12:24

## EAST Search History

S25	75	(416/241b,241R.ccls. 428/469,632. ccls.) and ((coating layer) same (opposite\$ opposing)) and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATTINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) and (CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA] CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 12:03
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## EAST Search History

S26	26	(416/241b,241R.ccls. 428/469,632. ccls.) and ((coating layer) same (opposite\$ opposing)).ti,ab,clm. and (PLATINM PLATINMUM PLATINNUM PLATINTUM PLATINUIM PLATINUIN PLATINUJM PLATINUM PLATINUMAND PLATINUMAND-OR PLATINUMAND/OR PLATINUMBASE PLATINUMBASED PLATINUMCOMBINED PLATINUMCOMPLEX PLATINUMCOMPOUNDS PLATINUMCONTAINING PLATINUME PLATINUMETC PLATINUMGROUP PLATINUMII PLATINUMIII "PLATINUMINFO.HTML" PLATINUMLIKE PLATINUMLINED PLATINUMM PLATINUMMETAL PLATINUMN PLATINUMOR) and (CERAMC CERAMCI CERAMCIC CERAMCS CERAMEC CERAMIAC CERAMIC CERAMICA CERAMICACCORDING CERAMICALLY-COATED CERAMICALLY-COMPOUNDED CERAMICALLY-INSULATED CERAMICAND CERAMICA] CERAMICBASE CERAMICBASED CERAMICC CERAMICCBASED CERAMICCERAMIC CERAMICCOATED CERAMICCOATING CERAMICCOMPOSITION CERAMICCONTAINING CERAMICE CERAMICES CERAMICF CERAMICFIBERS CERAMICILLED CERAMICFILM CERAMICGLAZED CERAMICH CERAMICII)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 12:42
S27	27	(416/241b,241R.ccls. 428/469,632. ccls.) and ((coating layer) same (opposite\$ opposing)).ti,ab,clm. and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 12:58

## EAST Search History

S28	28	(US-20030157361-\$ or US-20030198750-\$ or US-20040048090-\$ or US-20040053024-\$ or US-20040121170-\$ or US-20040214025-\$ or US-20040228976-\$ or US-20040258946-\$ or US-20050019593-\$).did. or (US-4163736-\$ or US-4399199-\$ or US-4477538-\$ or US-4603547-\$ or US-5512382-\$ or US-5545437-\$ or US-5805973-\$ or US-5899678-\$ or US-6123998-\$ or US-6455167-\$ or US-6627323-\$ or US-6652987-\$ or US-6720034-\$ or US-6720038-\$ or US-6808816-\$ or US-6884515-\$). did. or (EP-1120480-\$ or EP-1398079-\$ or EP-471505-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/28 12:57
S29	1	(opposite\$ opposing) and S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 12:57
S30	0	(416/241b,241R.ccls. 428/469,632. ccls.) and ((coating layer) same (doublesid\$ (double adj sided))).ti, ab,clm. and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 13:00
S31	4	(416/241b,241R.ccls. 428/469,632. ccls.) and ((coating layer) same (doublesid\$ (double adj sided))) and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 13:00
S32	0	(416/241b,241R.ccls. 428/469,632. ccls.) and (substrate with (doublesid\$ (double adj sided))).ti, ab,clm. and turbine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 13:01
S33	11	(416/241b,241R.ccls. 428/469,632. ccls.) and (substrate with (doublesid\$ (double adj sided)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 13:09
S34	81	(416/241b,241R.ccls. 428/469,632. ccls.) and (substrate with (both adj sides))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/28 13:09

## EAST Search History

S35	29	(US-20030157361-\$ or US-20030198750-\$ or US-20040048090-\$ or US-20040053024-\$ or US-20040121170-\$ or US-20040214025-\$ or US-20040228976-\$ or US-20040258946-\$ or US-20050019593-\$).did. or (US-4163736-\$ or US-4399199-\$ or US-4477538-\$ or US-4603547-\$ or US-5512382-\$ or US-5545437-\$ or US-5805973-\$ or US-5899678-\$ or US-6123998-\$ or US-6455167-\$ or US-6627323-\$ or US-6652987-\$ or US-6720034-\$ or US-6720038-\$ or US-6808816-\$ or US-6884515-\$). did. or (EP-1120480-\$ or EP-1398079-\$ or EP-304176-\$ or EP-471505-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/12/29 09:03
S36	4	roughness and S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/29 09:03
S37	8	("4096095"   "4427721"   "5805973"   "5891584"   "5899678"   "5923944"   "6156439"   "6455167").PN. OR ("6808816").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/27 09:09
S38	22	("2698512"   "2959915"   "3173247"   "4078604"   "4297150"   "4343658"   "4444732"   "5240741"   "5264244"   "5266360"   "5269137"   "5324544"   "5336560"   "5360531"   "5567305"   "5805973").PN. OR ("6156439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/27 09:46
S39	1	("56030514").PN.	JPO	OR	OFF	2006/06/27 12:50